

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|------------------------------|------------------|---------|------------------|
| S1 | 1 | "4711955".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:52 |
| S2 | 1 | "5328824".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:54 |
| S3 | 1 | "5449767".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:55 |
| S4 | 1 | "5241060".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:56 |
| S5 | 1 | "4994373".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:57 |
| S6 | 1 | "5175269".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 13:59 |
| S7 | 1 | "5082830".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:00 |
| S8 | 1 | "5013831".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:02 |
| S9 | 1 | "5002885".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:03 |
| S10 | 1 | "4952685".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:04 |
| S11 | 1 | "4943523".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:05 |
| S12 | 1 | "5851805".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:06 |
| S13 | 1 | "5723597".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:08 |
| S14 | 1 | "5567587".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:09 |
| S15 | 1 | "4672040".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:10 |

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|-----|---------|--------------------------|---|-----|----|------------------|
| S16 | 1 | "5759820".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:11 |
| S17 | 1 | "5804382".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:13 |
| S18 | 0 | "6344316".pn. | EPO | OR | ON | 2005/11/03 14:43 |
| S19 | 1 | "6344316".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:44 |
| S20 | 0 | "09940185".ap. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:45 |
| S21 | 0 | "9940185".ap. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 14:46 |
| S22 | 1 | "6489114".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 15:03 |
| S23 | 11 | PEO-iodoacetyl | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 16:29 |
| S24 | 1947403 | thiol group | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 15:23 |
| S25 | 21 | S24 signal moiety | US-PGPUB; USPAT; USOCR | ADJ | ON | 2005/11/03 15:24 |
| S26 | 137672 | labeling polynucleotides | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 16:24 |
| S27 | 280 | S26 biotin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/03 16:25 |
| S28 | 0 | S27 PEO-iodoacetyl | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/03 16:25 |

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| S29 | 0 | PEO-iodoacetyl conjugated to a biotin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/03 16:26 |
| S30 | 0 | PEO-iodoacetyl conjugated to a biotin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/03 16:26 |
| S31 | 53290 | Iodoacetyl Biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/03 16:29 |
| S32 | 0 | S30 nucleotides | US-PGPUB; USPAT; USOCR | ADJ | ON | 2005/11/03 16:30 |
| S33 | 0 | Jeong et "al." Kinase "Assay Based on Thiophosphorylation and Biotinylation," Biotechniques 27:1232-1238 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2005/11/03 16:31 |
| S34 | 3 | Biotinyl-Iodoacetamidyl-3, 6-dioxaoctanediamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/07 12:54 |
| S35 | 11 | PEO-Iodoacetyl Biotin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/11/07 14:04 |
| S36 | 2 | S34 linker arms | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:28 |
| S37 | 0 | S35 linker arms | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:29 |
| S38 | 6 | S35 link\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:44 |

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| S39 | 2 | "5137804".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:45 |
| S40 | 4 | S35 spacer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:57 |
| S41 | 0 | S36 spacer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:57 |
| S42 | 3 | polyethylene oxide biotinyl-iodacetamidyl-3, 6-dioxaoctanediamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 09:59 |
| S43 | 3 | S42 spacer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:00 |
| S44 | 139 | polyethelene oxide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:33 |
| S45 | 0 | S44 linker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:33 |
| S46 | 17 | S44 link\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:35 |

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| S47 | 0 | S44 conjugat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:36 |
| S48 | 12 | PEO-iodoacetyl | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:54 |
| S49 | 6 | S48 link\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 10:56 |
| S50 | 1 | "4711955".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:01 |
| S51 | 2 | "4711955".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:06 |
| S52 | 1 | S34 Sulfhyd\$8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:08 |
| S53 | 0 | Sulfhyd\$8 and link%8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:09 |
| S54 | 22574 | Sulfhyd\$8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:09 |

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| S55 | 2916 | S54 Thiol | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:09 |
| S56 | 89 | S55 spacer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:11 |
| S57 | 797 | S54 spacer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:15 |
| S58 | 44753 | nucleotide same link\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:17 |
| S59 | 3 | S58 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 11:17 |
| S60 | 0 | S44 nucleotides | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 12:55 |
| S61 | 75 | peo near3 biotin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 13:09 |
| S62 | 9 | S61 DNA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 15:17 |

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| S63 | 5 | S61 RNA | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 13:45 |
| S64 | 2 | Pierce Chemical, P/N 21334ZZ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 13:37 |
| S70 | 53290 | iodoacetyl biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/07 14:07 |
| S71 | 52 | S70 peo | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/11/07 14:08 |
| S72 | 0 | S71 DNA | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/11/07 14:07 |
| S73 | 522 | S70 nucle\$6 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/11/07 14:09 |
| S74 | 0 | S71 nucle\$6 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2005/11/07 14:08 |
| S75 | 6 | "EZ link PEO Iodoacetyl Biotin" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 15:22 |
| S76 | 25 | "EZ link Biotin" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 15:24 |
| S77 | 260 | "EZ link" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 15:24 |
| S78 | 2 | S35 S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2005/11/07 15:25 |

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| S82 | 52192 | peg-iodoacetyl biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/07 15:28 |
| S83 | 222 | peg near3 biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/07 15:28 |
| S84 | 21 | S83 DNA | US-PGPUB; USPAT; USOCR | SAME | ON | 2005/11/07 16:23 |
| S88 | 4 | peg iodoacetyl biotin | US-PGPUB; USPAT; USOCR | SAME | ON | 2005/11/07 16:25 |
| S90 | 1 | "5789163".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:33 |
| S92 | 53457 | iodoacetyl biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:48 |
| S93 | 1142 | S92 near(DNA or RNA or \$5nucleotide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:51 |
| S94 | 13 | S93 near link\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:54 |
| S95 | 1526 | S92 near link\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:54 |
| S96 | 32 | S95 near label\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:57 |
| S97 | 2 | iodoacetyl near label\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 13:58 |
| S98 | 3851966 | (method for labeling) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:07 |
| S99 | 3863619 | S98 (DNA or RNA or nucloetide or polynucleotide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:13 |
| S100 | 111939 | S98 same (DNA or RNA or nucloetide or polynucleotide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:10 |
| S101 | 1330 | S100 same thiol | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:22 |
| S102 | 4702561 | S101 (ATP gamma S) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:12 |

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| S10 3 | 211 | S101 same (ATP gamma S) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:13 |
| S10 4 | 111939 | S98 same(DNA or RNA or nuclotide or polynucleotide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:13 |
| S10 5 | 23 | S103 same (kinase) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:14 |
| S10 6 | 93 | (ATP near gamma near s) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:26 |
| S10 7 | 5 | S106 same thiol | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 10:22 |
| S10 8 | 29 | S106 same (DNA or RNA or polynucleotide or oligonucleotide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:45 |
| S10 9 | 2 | S106 same labeling | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:22 |
| S11 0 | 5 | S100 same (PEO near iodoacetyl near biotin) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:23 |
| S11 1 | 104150 | S98 same DNA | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:46 |
| S11 2 | 8312 | S111 same biotin | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:47 |
| S11 3 | 30 | S112 same (PEG or PEO) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:48 |
| S11 4 | 3 | S113 same iodoacetyl | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/14 11:48 |